

Abstract of the Disclosure

[053] A method is disclosed for pre-conditioning inserts for improved replication during injection molding. The pre-conditioned inserts provide improved bonding with the injection-molded material and improved replication of complex molding surfaces. The pre-conditioning of the inserts comprises placing the insert in position against the molding surface, followed by heat-soaking the insert. Heat-soaking can be accomplished using infrared energy, preferably broadband infrared energy or energy that is preferentially absorbed by the insert.